



ARBORICULTURAL IMPACT ASSESSMENT & METHOD STATEMENT

Land south of - **Dukes Road, Fontwell**

- *prepared on behalf of Lily Homes (Home Counties) Ltd. –*

The Granary, White Chimney Row, Westbourne PO10 8RS



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1.0 INTRODUCTION & CLIENTS BRIEF

- 1.1 I am instructed on this project by **Lily Homes (Home Counties) Ltd.**
- 1.2 They seek to obtain planning approval to redevelop land south of **Dukes Road, Fontwell** for the purposes of residential development.
- 1.3 There are on and off site trees of various species which will need to be catered for in this process.
- 1.4 I have been commissioned to prepare a report to satisfy the arboricultural aspects of this project to meet planning requirements.
- 1.5 My work is to be compiled in accordance with the recommendations contained within BS5837:2012.

2.0 DOCUMENT DISCLOSURE STATEMENT

I have been provided with a copy of the Planning Layout drawing as prepared by **Progress Architecture** :-

- **Proposed Site Layout – 062-L1001- P2- 1:400@A3- 09.03.22**
- This has been provided to me for the purposes of my work and I rely totally on the accuracy of this drawing in terms of tree locations; applying crown spreads and setting out protective fencing.

3.0 TREE SURVEY & ROOT PROTECTION SCHEDULES & IMPACT ASSESSMENT

3.1 I re-visited the site on **14th February 2022** and amended a tree survey exercise originally undertaken two years ago in accordance with BS5837:2012 recommendations (see also the explanatory tree survey notes at [appendix BIII](#)).

Tree No.	Species	Ht m	Diam mm	Brch Sprd m	GC m	LS	Comments	Preliminary Management Recommendations	Rem Con yrs	Cat
Hedge 1	Hawthorn Elderberry	2.5	200	N 1.5 E – S 1.5 W-	0	M	Previously heavily topped out at 2m above ground-a loosely formed hedge line of sapling trees-denser in western half of the line-Brambles are choking out the lower growth preventing the hedge from thickening up	Remove Brambles	30-40	B2
1	Sycamore <i>Acer pseudoplatanus</i>	16	500 450	N 4 E 6 S 7 W7	3	EM	Ivy smothering throughout-bifurcated at 1.5m from ground-suppressed to the north side-crown shapes dictated by group pressures-small and large deadwood present	Remove deadwood and tidy stubs for safety reasons – <i>above road</i>	>40	B1
2	Hawthorn <i>Crataegus monogyna</i>	7	170 x 3	N 1 E 4 S 5 W1	3	EM	Ivy smothering throughout and dominating-low crown density and vigour and vitality-dieback present-poor quality tree overall	Advise coppice down to hedge height to rejuvenate and make safe	<10	U
3	Sycamore <i>Acer pseudoplatanus</i>	12	270	N 2 E 3 S 4 W3	1.5	Y	A sapling tree within the hedge line-epicormics on trunk-bifurcated in upper reaches-suppressed to the north side-crown shape dictated by group pressures	Consider topping out at hedge height to incorporate into same	>40	C1
Group 1	Hawthorn x 7 of <i>Crataegus monogyna</i>	4	Av 170 x 2	N 0.5 E 0.5 S 0.5 W0.5	2.5	EM	Unable to access as trees are off site-growing up through a Lonicera hedge-previously heavily topped out-reduced vigour and vitality due to the pruning-poor quality trees overall.	No works required at this time	<10	U
4	Silver Birch <i>Betula pendula</i>	8	270	N 2 E 3 S 3 W2	3	EM	Unable to access as tree is off site- previously heavily topped out-poor quality trees overall.	No works required at this time	<10	U
5	Hawthorn <i>Crataegus monogyna</i>	8	170 x 5	N 4 E 4 S 4 W6	3	M	Unable to access as tree is off site- smothered in Ivy throughout and dominated by same	Advise owner removes the Ivy	10-20	C1
Group 2	Hawthorn x 9 of <i>Crataegus monogyna</i> +Holly & Sycamore	4.5	Av 120 x 2	N 0.5 E 2.5 S 2.5 W2.5	0	EM	Widely spaced out as part of a boundary screen-crown shapes dictated by group pressures-flat pruned on north face-Brambles choking out lower crowns	Remove Brambles	10-20	C2

Group 3	Pedunculate Oaks <i>Quercus robur</i> <i>x 3 of</i>	16	500 900 640	N 13 E 9 S 10 W13	3	M	Cavities and decay at ground level on west side-one dominant central tree with two suppressed subsidiary trees within its crown spread-central tree has shed one major limb fairly recently and there is evidence of a history of such branch shedding-large and small diameter deadwood throughout-storm damaged limbs with jagged wounds remaining	Reduce and reshape crown by 3m to 4m overall to stabilise and make safe Also remove all major dead branches for safety reasons	30-40	C2
6	Sycamore <i>Acer pseudoplatanus</i>	6	150 130 110	N 2.5 E 2.5 S 2.5 W2.5	2	Y	Multi stemmed at ground level-sapling tree arising from a Bramble dominated boundary hedge line	No works required at this time	30-40	C1
7	Sycamore <i>Acer pseudoplatanus</i>	9	200 x2 180 160 x4 120 x3	N 5.5 E 5.5 S 5.5 W5.5	1	SM	Multi stemmed at ground level-intertwined multiple stems arising from what appears to be an old coppiced trunk	No works required at this time	>40	B1
Group 4	Elderberries <i>x 4 of</i> <i>Sambucus nigra</i> Sycamore <i>x 1 of</i>	4 to 8	170 x 5	N 2 E 2 S 2 W2	0	Y	Crown shapes dictated by group pressures-poor quality trees overall	No works required at this time	20-30	C2
Group 5	Sycamore <i>x 5 of</i> <i>Acer pseudoplatanus</i>	12	Av 200 200	N 4 E 4 S 4 W4	0	SM	Unable to access as they are off site trees-ivy smothering base and trunks- crown shapes dictated by group pressures-low branching habit	No works required at this time	30-40	B2
Group 6	Cherry Laurels <i>Prunus laurocerasus</i>	4 to 6	Av 200 x 2	N – E 7 S – W-	0	EM	Unable to access as they are off site trees that form a dense clump down to the ground level-they appear to grow from along the boundary line and have over time spread out and layered into the ground within the development site	Prune back close to the site boundary line to recover lost ground	10-20	C2

3.2 A Tree Root Protection Schedule has been prepared in accordance with BS5837:2012 recommendations (see Plans BJH 01 & 02 at ~~appendix 112~~)

Tree No.	Tree Species	Cat	Diam mm	BS5837:2012 Table D1 Radial Protect. Zone m	BS5837:2012 Table D1 Root Protect. Area m ²	Is An Offset Required To Cater For Existing Rooting Pattern Restrictions
Hedge 1	Hawthorn Elderberry	B2	200	2.4	18	NO – free rooting to all directions
1	Sycamore <i>Acer pseudoplatanus</i>	B1	500 450	8.1	205	NO – free rooting to all directions
2	Hawthorn <i>Crataegus monogyna</i>	U	170 x 3	n/a	n/a	NO – as a U grade tree it does not count towards the planning assessment for this site
3	Sycamore <i>Acer pseudoplatanus</i>	C1	270	3.2	33	NO – free rooting to all directions
Group 1	Hawthorn x 7 of <i>Crataegus monogyna</i>	U	Av 170 x 2	n/a	n/a	NO – as U graded trees they do not count towards the planning assessment for this site
4	Silver Birch <i>Betula pendula</i>	U	270	n/a	n/a	NO – as a U grade tree it does not count towards the planning assessment for this site
5	Hawthorn <i>Crataegus monogyna</i>	C1	170 x 5	4.6	65	NO – free rooting to all directions
Group 2	Hawthorn x 9 of <i>Crataegus monogyna</i> +Holly & Sycamore	C2	Av 120 x 2	2.0	13	NO – free rooting to all directions
Group 3	Pedunculate Oaks <i>Quercus robur</i> x 3 of	C2	500 900 640	6.0 10.8 7.7	113 366 185	NO – free rooting to all directions

6	Sycamore <i>Acer pseudoplatanus</i>	C1	150 130 110	2.7	23	NO – free rooting to all directions
7	Sycamore <i>Acer pseudoplatanus</i>	B1	200 x2 180 160 x4 120 x3	6.0	113	NO – free rooting to all directions
Group 4	Elderberries x 4 of <i>Sambucus nigra</i> Sycamore x 1 of	C2	170 x 5	4.6	65	NO – free rooting to all directions
Group 5	Sycamore x 5 of <i>Acer pseudoplatanus</i>	B2	Av 200 200	3.4	36	NO – free rooting to all directions
Group 6	Cherry Laurels <i>Prunus laurocerasus</i>	C2	Av 200 200	3.4	36	NO – free rooting to all directions

4.0 IMPACT ASSESSMENT & TREE PROTECTION MEASURES RECOMMENDED

4.1 The finalised planning layout drawing has been provided to me and an assessment made as to the viability of retaining trees as part of this layout in order that they meet the RPA requirements of BS5837 - the data is presented here in tabular format:-

Key: ~~NO-RSAM~~ = Remove for sound arboricultural management reasons ~~NO-RTFD~~ = Remove to facilitate development **UF** = under footprint of proposed development

~~YES~~ = Yes can be retained and fully protected

~~YES (D)~~ = Yes can be retained subject to mitigation measures being applied

Tree No	Species	Cat	Stem Diam mm	BS5837:2012 Radial Protection Area m	BS5837:2012 Table D1 Root Protect. Area m ²	Distance from Site Features (see key above)	Can Tree Be Retained
Hedge 1	Hawthorn Elderberry	B2	200	2.4	18	Two sections of hedge adding up to 25m of the total 90m run will have to be removed to create two new access points. The remainder of the hedge line (65m) can be retained and fully protected and interplanted to improve its long term value	~~NO-RTFD~~ YES
1	Sycamore <i>Acer pseudoplatanus</i>	B1	500 450	8.1	205	7.5m to new internal access road	~~YES (D)~~
2	Hawthorn <i>Crataegus monogyna</i>	U	170 x 3	n/a	n/a	5.7m to new internal access road But could be removed for sound arboricultural management reasons given its overall condition	~~YES~~
3	Sycamore <i>Acer pseudoplatanus</i>	C1	270	3.2	33	3.3m to internal access road	~~YES~~
Group 1	Hawthorn x 7 of <i>Crataegus monogyna</i>	U	Av 170 x 2	n/a	n/a	Off site trees not under my clients control 4.7m to new dwelling on Plot 9	~~YES~~
4	Silver Birch <i>Betula pendula</i>	U	270	n/a	n/a	Off site trees not under my clients control 5m to new dwelling on Plot 9	~~YES~~
5	Hawthorn <i>Crataegus monogyna</i>	C1	170 x 5	4.6	65	Off site trees not under my clients control 6m to new dwelling on Plot 9	~~YES~~

Tree No	Species	Cat	Stem Diam mm	BS5837:2012 Radial Protection Area m	BS5837:2012 Table D1 Root Protect. Area m ²	Distance from Site Features (see key above)	Can Tree Be Retained
Group 2	Hawthorn x 9 of <i>Crataegus monogyna</i> +Holly & Sycamore	C2	Av 120 x 2	2.0	13	2m at closest point to new wooden boundary fencing	YES
Group 3	Pedunculate Oaks <i>Quercus robur</i> x 3 of	C2	500 900 640	6.0 10.8 7.7	113 366 185	15m at closest point to new wooden boundary fencing 40m + to closest new dwelling on Plot 5/6	YES
6	Sycamore <i>Acer pseudoplatanus</i>	C1	150 130 110	2.7	23	18m at closest point to new wooden boundary fencing 50m + to closest new dwelling	YES
7	Sycamore <i>Acer pseudoplatanus</i>	B1	200 x2 180 160 x4 120 x3	6.0	113	17m at closest point to new wooden boundary fencing 50m + to closest new dwelling	YES
Group 4	Elderberries x 4 of <i>Sambucus nigra</i> Sycamore x 1 of	C2	170 x 5	4.6	65	22m at closest point to new wooden boundary fencing 50m + to closest new dwelling	YES
Group 5	Sycamore x 5 of <i>Acer pseudoplatanus</i>	B2	Av 200 200	3.4	36	12m at closest point to new wooden boundary fencing 40m + to closest new dwelling	YES
Group 6	Cherry Laurels <i>Prunus laurocerasus</i>	C2	Av 200 200	3.4	36	3.5m at closest point to new dwelling	YES

4.2 SUMMARY

	YES	YES (1)	NO-RTFD	NO-RSAM
	Can be retained and fully protected in accordance with BS5837 recommendations - see Tree Protection Plan BJH.03/04 at appendix III	Can be retained and protected in accordance with BS5837 recommendations (see Tree Protection Plan BJH.03/04 at appendix III) - subject to adherence to the methodology prescribed in this report – see Section 6 for full details.	Recommended for removal in order to facilitate development proposals	Recommended for removal on sound arboricultural management grounds [health and safety grounds] regardless of any redevelopment proposals
A	-	-	-	-
B	T1 Sycamore & T7 Sycamore Grp 5 - Sycamores Hedge 1 – (65m section of)	-	Hedge 1 – (25m section of)	-
C	T3 Sycamore; T5 Hawthorn; T6 Sycamore; Grp 2 – Hawthorns; Grp 3 – Oaks; Grp 4 – Elderberries & Grp 6 - Laurels	-	-	-
D	T2 Hawthorn & T4 Silver Birch Grp 1 - Hawthorns	-	-	-

- 4.3 As illustrated above there will be no direct tree loss required by the re-development of this site as proposed. Although a 25m section of hedgerow will need to be removed to facilitate the two new access points.
- 4.4 The Laurel hedge **Grp 6** will need to be significantly pruned back to the site boundary line as there is encroachment and layering of this plant grouping into the site.
- 4.6 A total of seven (7) trees and six (6) groups as well as the vast majority of the **Hedge 1** can all be retained and afforded full protection in accordance with BS5837:2012 recommendations.
- 4.7 A triangle of land in the bottom southwest corner of the site is to be set aside as a ‘Wildlife Meadow and biodiversity enhancement area’ and there is scope to plant new trees along the road frontage verge.

5.0 RECOMMENDED TREE WORKS

No	Species	Tree Works Recommended
Hedge 1	Hawthorn & Elderberry	- Grub out a 25m section in the hedge line in the two locations shown on the Tree Protection Plan - taking care not to damage the roots of the plants that are to remain in situ. - Remove Brambles.
1	Sycamore <i>Acer pseudoplatanus</i>	Remove deadwood and tidy old stubs – for safety reasons.
2	Hawthorn <i>Crataegus monogyna</i>	Advise coppicing down to hedge height to rejuvenate and make safe.
3	Sycamore <i>Acer pseudoplatanus</i>	No works required at this time.
Group 1	Hawthorn x 7 of <i>Crataegus monogyna</i>	<i>Off site trees not under my clients control</i>
4	Silver Birch <i>Betula pendula</i>	<i>Off site trees not under my clients control</i>
5	Hawthorn <i>Crataegus monogyna</i>	<i>Off site trees not under my clients control</i>
Group 2	Hawthorn x 9 of <i>Crataegus monogyna</i> +Holly & Sycamore	Remove the Brambles that are choking out the lower crowns.
Group 3	Pedunculate Oaks <i>Quercus robur</i> x 3 of	- Reduce and reshape the crown of the centre tree by 3m to 4m overall to stabilise and make safe. - On completion of the topping out reduce the length of laterals on the north face accordingly to tighten the shape – again for safety reasons. - Remove all major deadwood at this time for safety reasons + repair damaged branches and stubs.
6	Sycamore <i>Acer pseudoplatanus</i>	No works required at this time.
7	Sycamore <i>Acer pseudoplatanus</i>	No works required at this time.
Group 4	Elderberries x 4 of <i>Sambucus nigra</i> Sycamore x 1 of	No works required at this time.
Group 5	Sycamore x 5 of <i>Acer pseudoplatanus</i>	<i>Off site trees not under my clients control</i>

Group 6	Cherry Laurels <i>Prunus laurocerasus</i>	• Prune back close to the boundary line removing all layering root material at the same time to prevent regrowth inside the site.
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6.0 METHOD STATEMENT

Generic Measures

- 6.1 All of the recommended tree works should ideally be undertaken by an approved and experienced tree contractor ideally prior to any construction contractors commencing works on site.
- 6.2 Erect the protective fencing as specified and shown on the **Tree Protection Plan BJH03/04** at appendix B113. Barriers are to be 'Fit For Purpose' to exclude construction activity and must be maintained to ensure that they remain rigid and complete and in the original setting out positions. These checks will need to be incorporated into a schedule of site monitoring visits to be agreed with the clients subject to phased development operations and subsequently copies of these site visit reports will need to be copied in to the Council.
- 6.3 A copy of the Tree Protection Plan is to be pinned up in the offices/mess hut on site for all site staff to see. The area within the fenced off exclusion zone is to be regarded as **sacrosanct** and the fencing shall not be taken down or relocated at any time without the prior written approval of the monitoring arboriculturist or local authority tree officer, unless this has already been agreed as part of the planning application consent process and is detailed in writing and shown on a plan.

The following prohibitions shall apply within the area enclosed by the Tree Protection Fencing [**Construction Exclusion Zone**]:-

- **No** mechanical digging or scraping once the initial ground cover vegetation has been cleared and the site fenced off.
- **No** storage of plant, equipment or materials
- **No** vehicular or plant access
- **No** fire lighting
- **No** handling, discharge or spillage of any chemical substance, including cement washings
- **No** action likely to cause localised water-logging
- **No** change in ground levels

- 6.4 All site works storage areas and compounds/welfare units/toilet blocks and any mixing areas are to be located outside of and well clear of retained trees and positioned over impervious surfaces or over special catchment areas such that any leakage will be captured and cannot leak into the soil causing contamination.
- 6.5 The full details of the proposed utility service links have not been made available to me at this time but will most likely be laid under the new driveway access corridor or immediately beside same which is well clear of any retained tree RPA's.

Site Specific Measures

- 6.6 **T1 Sycamore** - the RPA for this tree marginally overhangs the new line of the internal access road so mitigation measures will be required here.
- Under the direction of an Arboricultural Expert 'Hand Dig' along the alignment of the closest part of the new access road.
 - Initially this will entail the use of forks only until any root content has been teased out.
 - The Arboricultural Expert will then use sharp bypass secateurs to cleanly sever any intruding roots of 25mm diameter or less at the trench edge (in practice at this distance from the tree there is likely to be very little root matter found).

7.0 SITE MONITORING & SUPERVISION

BS5837 recommends that wherever trees on or adjacent to a site have been identified on the Tree Protection Plan as requiring special protection measures, there should be an auditable system of arboricultural site monitoring. This should extend to direct arboricultural monitoring whenever demolition/construction and development activity is to take place within or adjacent to any RPA.

- 7.1 A Pre-commencement site meeting is to take place between the development teams arboricultural consultant and the site manager and client representative where the protective fencing and ground protection measures will be inspected to verify that they are 'Fit For Purpose' as shown on the **Tree Protection Plan** at appendix B13. **IF** for practical and logistical reasons this cannot be set up then the Site Manager is to send a set of photographs to the Arboricultural Consultant showing the protection measures in place and seeking written approval to same before commencing any construction works on the site.
- 7.2 There should be no requirement for further direct supervision on this project.
- 7.3 However, lines of communication will be established with the Site Manager and a contact sheet prepared so that in the event that an incident occurs involving the retained trees that requires urgent advice and guidance from the project Arboricultural Expert this can be easily organised.

- 7.4 The details of the Pre-Commencement Site Meeting works will be photographed by the Arboricultural Expert and the following reporting procedure will be adopted. This is an example of the format for the **Site Monitoring Schedule** that would be prepared. :-

Schedule Of Site Monitoring & Supervision for – land south of Dukes Road, Fontwell

* In accordance with the Arboricultural Method Statement Report - 1232.bjh.Mar22 & Tree Protection Plan - SJH 03/04

Date of Inspection	Item	In Attendance	Notes/Observations From Inspection	Details Of Any Follow Up Action Required
tba	Pre-Commencement Meeting	Project Arb Consultant & Site Construction Manager [+ extend invite for Council Tree Officer to attend if they so wish]	A joint site inspection was conducted and agreement reached that the protection measures are in place and 'Fit For Purpose' and that everyone understands their responsibilities.	
tba	Site Monitoring of Hand Dug slit trench and Root Severance	Project Arb Consultant & Site Construction Manager	A joint site inspection was conducted	

8.0 CONCLUSIONS

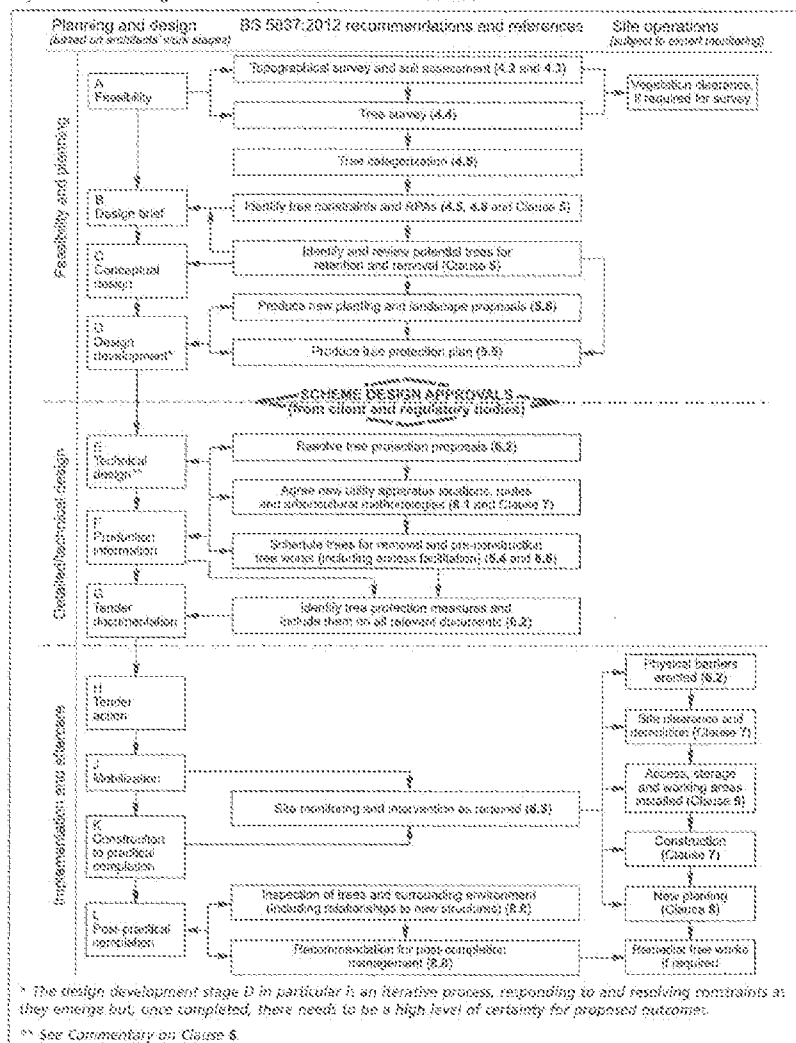
- The development work proposed will not result in the direct loss of any trees.
- However, a 25m section of hedgerow (**Hedge 1**) will need to be removed to facilitate two new access points.
- The **Laurel** screen **Grp 6** will need to be pruned back to the site boundary line as there is significant encroachment and layering of this plant grouping into the site.
- A total of seven (7) trees and six (6) groups as well as the vast majority of the **Hedge 1** can all be retained and afforded full protection in accordance with BS5837:2012 recommendations.
- A triangle of land in the bottom southwest corner of the site is to be set aside as a 'Wildlife Meadow and biodiversity enhancement area'.
- There is also scope for new tree planting on this project (along the road verge frontage) which will enhance the amenity value of this site for the future and grow in harmony with the new layout.
- Provided that the above methodology is strictly adhered to in a carefully considered and phased and supervised manner then I would not foresee any detrimental impact taking place that might undermine the ongoing health and stability or visual amenity value of those trees shown for retention.



BH 1

Figure 1 - Flow Diagram
& Tree Survey Notes

Figure 1 The design and construction process and tree care



TREE SURVEY NOTES

These Tree Survey Notes have been prepared in accordance with the recommendations of **British Standard 5837:2012** and they define the criteria for pre –development tree surveys.

- Each tree/group/hedge/shelterbelt/woodland has been allocated a unique number (**No.**), where specifically requested and appropriate fees are agreed small durable numbered metal tags can be applied to each tree/group surveyed.
- The tree species (**Species**) is provided in both English and Latin name formats.
- Height assessments (**Ht**) are estimated in metres. This will be adequate for the majority of cases, but where accurate heights become a critical issue it may be necessary to return to site, as a separately commissioned exercise, to collect accurate measurements with the aid of optical instruments.
- Trunk/stem diameters (**Diam**) are measured in millimetres **at 1.5m above ground level** – where the tree is inaccessible the diameter is estimated as indicated by suffix #
- Radial crown spread assessments (**Brch Sprd**) are estimated in metres from the centre of the trunk/group to each of the four primary points of the compass (**N-north; E-east; S-south and W-west**) in order to achieve a representation of the crown shape which will be shown on the accompanying tree survey plan. These provide a general guide as to the main bulk outline of a tree/groups crown but **are not tape measured dimensions**. These would only be undertaken as part of a separately commissioned exercise, where precise dimensions are critical to the project at hand.
- Both the canopy ground clearance (**GC**) and the height & compass direction of the lowest major branch (**LMB**) are estimated and shown in metres
- An assessment of a tree/groups 'life stage' (**LS**) is made in terms of its site specific maturity as part of the surrounding landscape, taking into account its overall shape and form in that setting, and is recorded thus :-
Y - Young tree/group; **SM** - Semi-Mature tree/group; **EM** - Early-Mature tree/group;
M – Mature tree/group; **OM** - Over – mature tree/group
- Data on the structural condition (**Condition Comments**) of the tree/group is provided to give its visual appearance and any significant health and safety issues.
- Details of any recommended tree works required at the time of survey is given under the heading – **Preliminary Management Recommendations**.
- An estimate of a tree/groups remaining contribution in years (**RC**) is made and is recorded thus :-
0-5; 5-10; 10-20; 20-30; 30-40 or >40 years.
- The category grading (**Cat**) for each tree/group is assessed according to the criteria provided within **BS5837:2012**. The assessment is made of the tree/group in its current condition and within the environment encountered bearing in mind its suitability for retention as part of any future proposed

development; although the exact layout detail of any specific scheme will not be known at the time of surveying. The trees have been classified into one of four categories and colour coded as BS5837 recommends :- **■** (dark red); **■** (light green); **■** (mid-blue) and **■** (grey). Please note that suffixed numerical sub-categories are also applied for guidance only and do not carry any cumulative or increased value for the tree/group. This colour coding scheme will be applied to all drawings provided.

Table 1 – Cascade chart for tree quality assessment

Category and definition	Criteria			Colour on plan
Trees unsuitable for retention				
Category D Those in such a condition that they cannot realistically be retained as living trees in the context of the current land use for longer than 10 years.	- Trees that have a serious, irremediable, structural defect, such that their early loss is expected due to collapse, including those that will become unviable after removal of other category U trees (i.e. where, for whatever reason the loss of companion shelter cannot be mitigated by pruning) - Trees that are dead or are showing signs of significant, immediate, and irreversible overall decline - Trees infected with pathogens of significance to the health and/or safety of other trees nearby, or very low quality trees suppressing adjacent trees of better quality NOTE Category U trees can have existing or potential conservation value which it might be desirable to preserve.			Dark Red
Trees to be considered for retention				
	Criteria – Subcategories			
	1	2	3	
Category A Trees of high quality with an estimated remaining life expectancy of at least 40 years	Trees that are particularly good examples of their species, especially if rare or unusual, or those that are essential components of groups or formal or semi-formal arboricultural features (e.g. the dominant and/or principal trees within an avenue)	Trees, groups or woodlands of particular visual importance as arboricultural and /or landscape features	Trees, groups or woodlands of significant conservation, historical, commemorative or other value (e.g. veteran trees or wood-pasture)	Light Green
Category B Trees of moderate quality with an estimated remaining life expectancy of at least 20 years	Trees that might be included in the category A, but are downgraded because of impaired condition (e.g. presence of significant though remediable defects including unsympathetic past management and storm damage), such that they are unlikely to be suitable for retention for beyond 40 years; or trees lacking the special quality necessary to merit the category A designation	Trees present in numbers, usually growing as groups or woodlands, such that they attract a higher collective rating than they might as individuals; or trees occurring as collectives but situated so as to make little visual contribution to the wider locality	Trees with material conservation or other cultural value	Mid Blue
Category C Trees of low quality with an estimated remaining life expectancy of at least 10 years, or young trees with a stem diameter below 150mm	Unremarkable trees of very limited merit or such impaired condition that they do not qualify in higher categories	Trees present in groups or woodlands, but without this conferring on them significantly greater collective landscape value, and/or trees offering low or only temporary/transient landscape benefits	Trees with no material conservation or other cultural value	Grey



BH 2

Tree Survey & Root Protection Plans

BJH 01/02

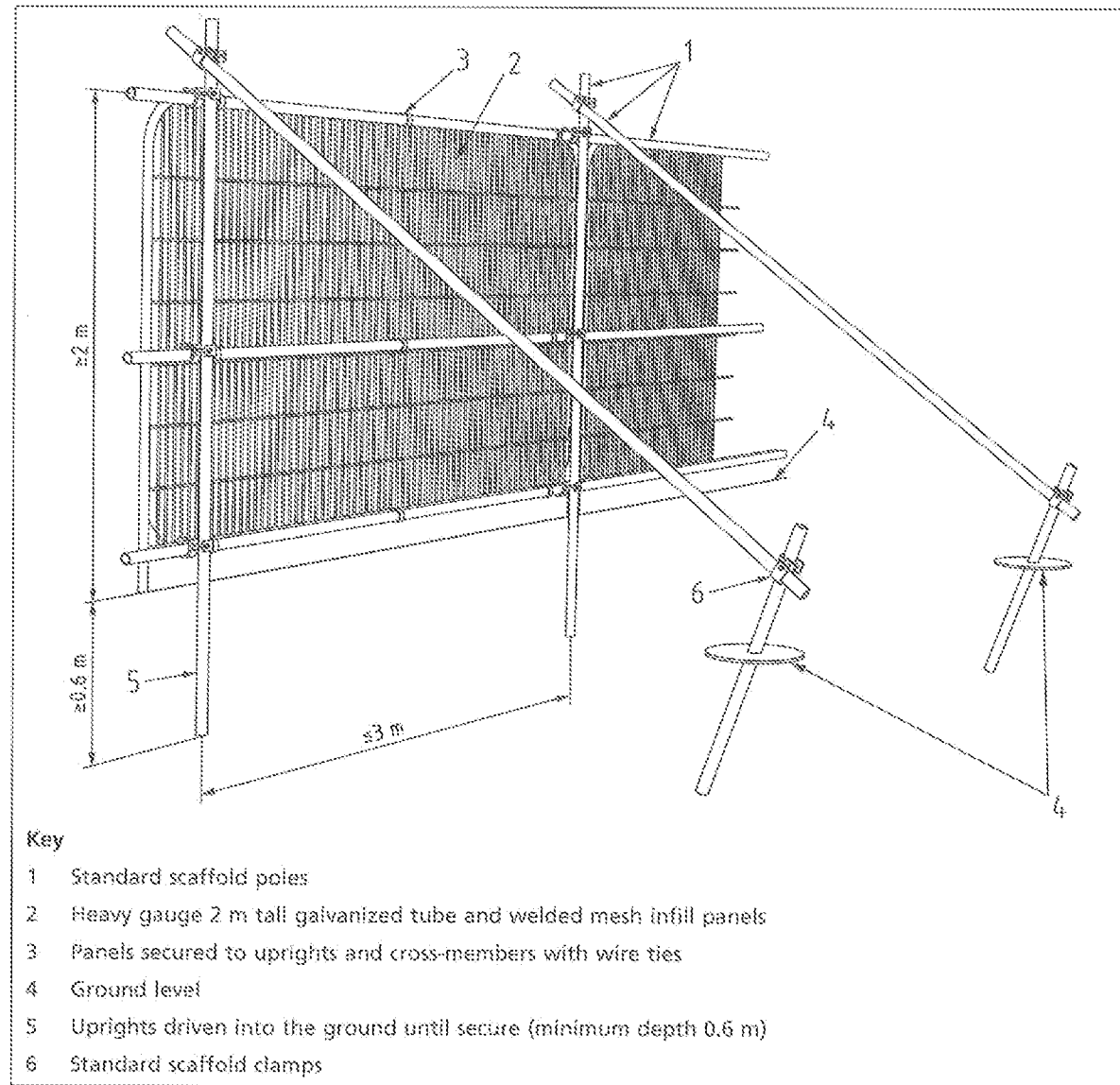


BH 3

Tree Protection Plan BJH 03/04

+ BS5837:2012 – Figure 2

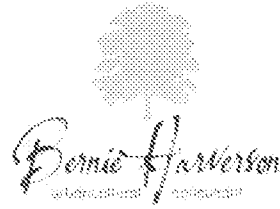
Figure 2 Default specification for protective barrier





BH 4

Qualifications & Experience



QUALIFICATIONS AND EXPERIENCE

- My name is **Bernie Harverson** and I am a self employed independent arboricultural consultant in private practice. I take instructions primarily in the South of England but also on occasions work nationwide and abroad and have offices at : –

The Granary, White Chimney Row, Westbourne PO10 8RS

- I hold the following arboricultural qualification – **National Diploma in Arboriculture (Royal Forestry Society – 1976)**
- I have **fifty-one (51)** years of practical and managerial experience in the arboricultural industry including periods in both the public and private sectors.
- My Local Government sector experience comprises one year as a tree surgeon with Brighton Parks and nine years spent in Arboricultural Officer posts with both Westminster City Council and Portsmouth City Council.
- My past practical experience in the private sector includes two years at Tilhill Forest Nursery and over ten years for various companies as a Climbing Arborist/Tree Surgeon.
- Managerial work in the private sector includes two years as manager of Beechings Tree Surgeons and twelve years with CBA Trees as Managing Director & Senior Arboricultural Consultant.
- As an independent self employed Arboricultural Consultant I now provide a comprehensive range of services including :-
tree surveys, appraisals, assessments and inspections with particular reference to planning and development and tree safety audits with a service offered as a climber to undertake full climbing inspections to better understand the condition of a given tree before prescribing a management strategy.
- I also undertake litigation work appearing as an Expert Witness in Court Actions and at Planning Appeals, Hearings and Public Local Inquiries.

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